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**From:** Jones, Russell [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=4795FDC630C34BE4AED0C6416A20D606-RUSSELL JONES]  
**Sent:** 3/26/2019 6:02:39 PM  
**To:** Mortensen, Ginah [mortensen.ginah@epa.gov]  
**Subject:** RE: Note to OPP: RE: Notification: EPA Releases Plant Biostimulants Draft Guidance for Public Comment  
**Attachments:** EPA-HQ-OPP-2018-0258-0002.pdf

Ginah:

Just in case some cannot access the document, here is a pdf

Russ J

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**From:** Mortensen, Ginah  
**Sent:** Tuesday, March 26, 2019 1:56 PM  
**To:** Jones, Russell <Jones.Russell@epa.gov>  
**Cc:** Galloway, Carol <Galloway.Carol@epa.gov>  
**Subject:** RE: Note to OPP: RE: Notification: EPA Releases Plant Biostimulants Draft Guidance for Public Comment

On the agenda, I included a link to the prepublication notice and I think the guidance is part of that. If that is not correct and it is not part of the prepublication notice or you have something you think is better or just want the group to have, I'll be happy to send it out.

Thank you for participating!

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**From:** Jones, Russell  
**Sent:** Tuesday, March 26, 2019 12:39 PM  
**To:** Mortensen, Ginah <mortensen.ginah@epa.gov>; Borges, Shannon <Borges.Shannon@epa.gov>; McNally, Robert <Mcnally.Robert@epa.gov>; Keigwin, Richard <Keigwin.Richard@epa.gov>  
**Cc:** Dinkins, Darlene <Dinkins.Darlene@epa.gov>; Sisco, Debby <Sisco.Debby@epa.gov>; Galloway, Carol <Galloway.Carol@epa.gov>; Ellis, Frank <Ellis.Frank@epa.gov>; Leahy, John <Leahy.John@epa.gov>  
**Subject:** RE: Note to OPP: RE: Notification: EPA Releases Plant Biostimulants Draft Guidance for Public Comment

Do you need a copy of the Guidance?

-Russ J

Russell S. Jones, Ph.D., Senior Scientist  
Chair, Biochemical Classification Committee  
Risk Assessment Branch  
Biopesticides & Pollution Prevention Division  
Office of Pesticide Programs  
US Environmental Protection Agency

P: 703-308-5071; F: 703-308-7026  
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Office Location:  
One Potomac Yard  
2777 South Crystal Drive Arlington, VA 22202

Mailing Address:  
1200 Pennsylvania Avenue, NW  
Washington, DC 20460-0001  
<http://www.epa.gov/pesticides>



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**From:** Mortensen, Ginah

**Sent:** Tuesday, March 26, 2019 12:30 PM

**To:** Borges, Shannon <[Borges.Shannon@epa.gov](mailto:Borges.Shannon@epa.gov)>; McNally, Robert <[McNally.Robert@epa.gov](mailto:McNally.Robert@epa.gov)>; Keigwin, Richard <[Keigwin.Richard@epa.gov](mailto:Keigwin.Richard@epa.gov)>

**Cc:** Dinkins, Darlene <[Dinkins.Darlene@epa.gov](mailto:Dinkins.Darlene@epa.gov)>; Sisco, Debby <[Sisco.Debby@epa.gov](mailto:Sisco.Debby@epa.gov)>; Galloway, Carol <[Galloway.Carol@epa.gov](mailto:Galloway.Carol@epa.gov)>; Jones, Russell <[Jones.Russell@epa.gov](mailto:Jones.Russell@epa.gov)>; Ellis, Frank <[Ellis.Frank@epa.gov](mailto:Ellis.Frank@epa.gov)>; Leahy, John <[Leahy.John@epa.gov](mailto:Leahy.John@epa.gov)>

**Subject:** RE: Note to OPP: RE: Notification: EPA Releases Plant Biostimulants Draft Guidance for Public Comment

Great! Thank you all very much. I will add Russ to the agenda.

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**From:** Borges, Shannon

**Sent:** Tuesday, March 26, 2019 11:14 AM

**To:** McNally, Robert <[McNally.Robert@epa.gov](mailto:McNally.Robert@epa.gov)>; Keigwin, Richard <[Keigwin.Richard@epa.gov](mailto:Keigwin.Richard@epa.gov)>

**Cc:** Mortensen, Ginah <[mortensen.ginah@epa.gov](mailto:mortensen.ginah@epa.gov)>; Dinkins, Darlene <[Dinkins.Darlene@epa.gov](mailto:Dinkins.Darlene@epa.gov)>; Sisco, Debby <[Sisco.Debby@epa.gov](mailto:Sisco.Debby@epa.gov)>; Galloway, Carol <[Galloway.Carol@epa.gov](mailto:Galloway.Carol@epa.gov)>; Jones, Russell <[Jones.Russell@epa.gov](mailto:Jones.Russell@epa.gov)>; Ellis, Frank <[Ellis.Frank@epa.gov](mailto:Ellis.Frank@epa.gov)>; Leahy, John <[Leahy.John@epa.gov](mailto:Leahy.John@epa.gov)>

**Subject:** RE: Note to OPP: RE: Notification: EPA Releases Plant Biostimulants Draft Guidance for Public Comment

Yes – just confirmed with Russ that he can participate.

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**From:** McNally, Robert

**Sent:** Tuesday, March 26, 2019 12:03 PM

**To:** Keigwin, Richard <[Keigwin.Richard@epa.gov](mailto:Keigwin.Richard@epa.gov)>

**Cc:** Mortensen, Ginah <[mortensen.ginah@epa.gov](mailto:mortensen.ginah@epa.gov)>; Dinkins, Darlene <[Dinkins.Darlene@epa.gov](mailto:Dinkins.Darlene@epa.gov)>; Sisco, Debby <[Sisco.Debby@epa.gov](mailto:Sisco.Debby@epa.gov)>; Galloway, Carol <[Galloway.Carol@epa.gov](mailto:Galloway.Carol@epa.gov)>; Jones, Russell <[Jones.Russell@epa.gov](mailto:Jones.Russell@epa.gov)>; Ellis, Frank <[Ellis.Frank@epa.gov](mailto:Ellis.Frank@epa.gov)>; Leahy, John <[Leahy.John@epa.gov](mailto:Leahy.John@epa.gov)>; Borges, Shannon <[Borges.Shannon@epa.gov](mailto:Borges.Shannon@epa.gov)>

**Subject:** Re: Note to OPP: RE: Notification: EPA Releases Plant Biostimulants Draft Guidance for Public Comment

I have asked Russ to do. Russ and Shannon -/ does this work?

Sent from my iPhone

On Mar 26, 2019, at 12:00 PM, Keigwin, Richard <[Keigwin.Richard@epa.gov](mailto:Keigwin.Richard@epa.gov)> wrote:

Looping in Bob McNally. BPPD had the lead for developing the draft guidance and would be in the best position to participate from a substantive standpoint.

Rick Keigwin  
Director, Office of Pesticide Programs  
U.S. Environmental Protection Agency  
Phone: 703-305-7090  
Website: [www.epa.gov/pesticides](http://www.epa.gov/pesticides)  
Sent from my iPhone

On Mar 26, 2019, at 11:01 AM, Mortensen, Ginah <[mortensen.ginah@epa.gov](mailto:mortensen.ginah@epa.gov)> wrote:

Hello OPP,

Would you or anyone from your group be available to discuss the new draft Guidance on Plant Biostimulants for 15 – 20 minutes on this Thursday's (March 28) Ag Issues Forum call, please. The call is 2:30 – 4pm ET. For more information please see the emails below.

Please let me know soon -- I'm planning to send out the agenda today.

Thanks!  
Ginah

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**From:** Mortensen, Ginah  
**Sent:** Monday, March 25, 2019 2:53 PM  
**To:** Kaiser, Sven-Erik <[Kaiser.Sven-Erik@epa.gov](mailto:Kaiser.Sven-Erik@epa.gov)>; Keigwin, Richard <[Keigwin.Richard@epa.gov](mailto:Keigwin.Richard@epa.gov)>; Dinkins, Darlene <[Dinkins.Darlene@epa.gov](mailto:Dinkins.Darlene@epa.gov)>; Sisco, Debby <[Sisco.Debby@epa.gov](mailto:Sisco.Debby@epa.gov)>  
**Cc:** Galloway, Carol <[Galloway.Carol@epa.gov](mailto:Galloway.Carol@epa.gov)>  
**Subject:** RE: Notification: EPA Releases Plant Biostimulants Draft Guidance for Public Comment

Thanks, Sven!

Hello OPP, For more information please see my email below to Sven. Would you or anyone from your group be available to discuss the new draft Guidance on Plant Biostimulants for 15 – 20 minutes on this Thursday's (March 28) Ag Issues Forum call, please. The call is 2:30 – 4pm ET.

Thanks!  
Ginah

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**From:** Kaiser, Sven-Erik  
**Sent:** Monday, March 25, 2019 9:13 AM  
**To:** Mortensen, Ginah <[mortensen.ginah@epa.gov](mailto:mortensen.ginah@epa.gov)>; Keigwin, Richard <[Keigwin.Richard@epa.gov](mailto:Keigwin.Richard@epa.gov)>; Dinkins, Darlene <[Dinkins.Darlene@epa.gov](mailto:Dinkins.Darlene@epa.gov)>; Sisco, Debby <[Sisco.Debby@epa.gov](mailto:Sisco.Debby@epa.gov)>; Galloway, Carol <[Galloway.Carol@epa.gov](mailto:Galloway.Carol@epa.gov)>  
**Subject:** RE: Notification: EPA Releases Plant Biostimulants Draft Guidance for Public Comment

Ginah – thanks for the request. I don't know the details on biostimulants – looping in pesticides program folks to help find the right person. Best,  
Sven

Sven-Erik Kaiser  
U.S. EPA  
Office of Congressional and Intergovernmental Relations  
1200 Pennsylvania Ave., NW (1305A)  
Washington, DC 20460  
202-566-2753 (o)  
202-591-0619 (c)

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**From:** Mortensen, Ginah  
**Sent:** Monday, March 25, 2019 10:07 AM

**To:** Kaiser, Sven-Erik <[Kaiser.Sven-Erik@epa.gov](mailto:Kaiser.Sven-Erik@epa.gov)>

**Cc:** Galloway, Carol <[Galloway.Carol@epa.gov](mailto:Galloway.Carol@epa.gov)>

**Subject:** FW: Notification: EPA Releases Plant Biostimulants Draft Guidance for Public Comment

Hello Sven-Erik

I am working on the agenda for the monthly Ag Issues Forum conference call. The call is scheduled for Thursday, March 28 from 2:30 – 4pm ET. Would you or anyone from your group be available to discuss the new draft Guidance on Plant Biostimulants for 15 – 20 minutes, please?

A few months ago, you spoke to the Regional Ag Advisors on the weekly Office of the Ag Advisor's call. The Regional Ag Advisors also participate in the monthly Ag Issues Forum call.

**Background about the monthly Ag Issues Forum call:** EPA's Ag Center sponsors monthly calls on ag issues the fourth Thursday of every month from 2:30 – 4pm ET. Participants in the call are staff from EPA HQ and Regions interested in ag, and reps from USDA and USGS as their schedules allow. No states on the call. The calls are multi-media and cover a variety of topics – usually anything happening in EPA that is ag-related. Because participants come from a variety of backgrounds, we don't usually get too technical and keep the discussion at such a level that everyone can understand and participate. Others from your office are welcome to participate, as well. If there are materials you'd like us to distribute prior to the call, we are happy to do that, or to provide helpful links for participants.

Please let me know if you have questions.

Thanks!

Ginah

Ginah Mortensen  
913-551-5028

Attorney Advisor  
Compliance Policy Staff  
Monitoring, Assistance, and Media Programs Division  
Office of Compliance

Director, EPA National Agriculture Center  
1-888-663-2155  
<http://www.epa.gov/agriculture>

To receive notifications about updates to the EPA agriculture website and EPA news items of interest to the ag community, subscribe to the Ag Center's News Service by sending a blank email to this address:

[join-agcenter@lists.epa.gov](mailto:join-agcenter@lists.epa.gov)

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**From:** Subramanian, Hema

**Sent:** Sunday, March 24, 2019 8:44 PM

**To:** Jones, Doug <jones.doug@epa.gov>; Galloway, Carol <Galloway.Carol@epa.gov>; Heinemann, Kristina <Heinemann.Kristina@epa.gov>; Miller, Amy <Miller.Amy@epa.gov>; Mitschele, Becky <Mitschele.Becky@epa.gov>; Mortensen, Ginah <mortensen.ginah@epa.gov>; Peak, Nicholas <Peak.Nicholas@epa.gov>; Perrin, Rebecca <Perrin.Rebecca@epa.gov>; Rush, Randall <Rush.Randall@epa.gov>; Shenk, Kelly <shenk.kelly@epa.gov>; Gill, Sonam <Gill.Sonam@epa.gov>; Park, Susan <Park.Susan@epa.gov>; Bennett, Tate <Bennett.Tate@epa.gov>; Mills, William T. <mills.williamt@epa.gov>; Winn, G. Dean <winn.gerald@epa.gov>; Winnett, Steven <winnett.steven@epa.gov>

**Subject:** FW: Notification: EPA Releases Plant Biostimulants Draft Guidance for Public Comment

**FYI**

Begin forwarded message:

**From:** "Kaiser, Sven-Erik" <Kaiser.Sven-Erik@epa.gov>

**Date:** March 21, 2019 at 4:12:39 PM EDT

**Subject:** Notification: EPA Releases Plant Biostimulants Draft Guidance for Public Comment

Heads up that today EPA is releasing for public comment Draft Guidance for Plant Regulators, Including Plant Biostimulants.

In recognition of the growing categories of products generally known as plant biostimulants, this draft document gives guidance on which products are (and are not) subject to regulation under FIFRA as plant regulator pesticides, and what kinds of claims can be made for them. The draft guidance provides examples of each. EPA is taking this step to provide clarity to our state regulatory partners, to industry, and to the interested public in this emerging product area.

Plant biostimulants are a relatively new and growing category of products containing naturally occurring substances and microbes that are used to stimulate plant growth, enhance resistance to plant pests, and reduce abiotic stress. Their increasing popularity arises from their ability to enhance agricultural productivity by stimulating natural processes in the plant and in soil, using substances and microbes already present in the environment.

Biostimulants can improve soil health, optimize nutrient use, and increase plant growth, vigor, yield and production. They can promote greater water and nutrient use efficiency but do not provide any nutritionally relevant fertilizer benefit to the plant. Plant biostimulant products can be used in sustainable agriculture production systems and integrated pest management (IPM) programs, which in turn can reduce the use of irrigation water, as well as agrochemical supplements and fertilizers.

Once the Federal Register Notice publishes, the public will be able to submit comments on this guidance on [www.regulations.gov](http://www.regulations.gov) in Docket # EPA-HQ-OPP-2018-0258. Public comments will be due 60 days after the date of publication in Federal Register.

Please let me know if any questions. Thanks,  
Sven

Sven-Erik Kaiser  
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1200 Pennsylvania Ave., NW (1305A)  
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202-566-2753 (o)  
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